

ABSTRACT

The present invention provides an adsorbent, an adsorption method, and an adsorber for efficiently adsorbing low-density lipoproteins and fibrinogen directly from a body fluid, particularly whole blood, to decrease the concentrations of these components in the body fluid with minimizing losses of useful substances such as HDL and albumin. The adsorbent includes a tryptophan derivative and a polyanionic compound which are immobilized on a water-insoluble porous carrier, wherein the amount of the immobilized polyanionic compound is 0.10  $\mu\text{mol}$  to 1.5  $\mu\text{mol}$  per milliliter of wet volume of the adsorbent, and the molar ratio of the amount of the immobilized tryptophan derivative to the amount of the immobilized polyanionic compound is 1 to 70. The adsorbent is capable of whole blood treatment for safely and efficiently adsorbing low-density lipoproteins and fibrinogen.